

FIG. 1

DATA INPUT: a_{11} a_{12} ---- a_{1k} a_{21} a_{22} ---- a_{2k} a_{31} a_{32} ---- a_{3k} ----

FIG. 2A

DATA INPUT: A_{11} A_{12} ---- A_{1n} A_{21} A_{22} ---- A_{2n} A_{31} A_{32} ---- A_{3n} ----

FIG. 2B

INTERLEAVING MATRIX

		•	
A ₁₁	A ₁₂	A ₁₃	A ₁₄
A ₁₅	A ₁₆	A ₁₇	A ₁₈
A ₂₁	A ₂₂	A ₂₃	A ₂₄
A ₂₅	A ₂₆	A ₂₇	A ₂₈
A ₃₁	A ₃₂	A ₃₃	A ₃₄
A ₃₅	A ₃₆	A ₃₇	A ₃₈
A ₄₁	A ₄₂	A ₄₃	A ₄₄
A ₄₅	A ₄₆	A ₄₇	A ₄₈

FIG. 2C

DELETION / REPETITION PATTERN

44a 4		b 44	44
	. ↑		
1	0	0	0
0	1	0	0
0	0	1	0
0	0	0	1
0	0	0	0
1	0	0	0
0	1	0	0
0	0	1	0

FIG. 2D

4000 APPA 1

DE - MULTIPLEXED INPUT

DATA

RECONSTRUCTION

DE - INTERLEAVER

52

DECODING

FIG. 3